

Attorney's Docket No.: 10559-108001  
Client's Ref. No.: P7643

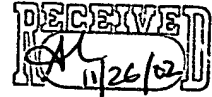
**OFFICIAL COMMUNICATION**

**FACSIMILE**

**FOR THE PERSONAL ATTENTION OF:**

**EXAMINER LEE**

**Official**



**GROUP 2181 FAX NO:** ~~(703) 746-9248~~ (703) 746-7238

Number of pages including this page 15

Applicant : Keith Dow  
Serial No. : 09/461,643  
Filed : December 14, 1999

Art Unit : 2181  
Examiner : Christopher E. Lee

**FACSIMILE COMMUNICATION**

Title : **IMPROVED SIGNAL ROUTING BETWEEN A MEMORY CONTROL UNIT  
AND A MEMORY DEVICE**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Attached to this facsimile communication cover sheet is Response, faxed this 26<sup>th</sup>  
day of November, 2002, to Group 2181, of the United States Patent and Trademark Office.

Respectfully submitted,

Date: November 26, 2002

\_\_\_\_\_  
Jerry D. Lenz  
Reg. No. 33,945

Fish & Richardson P.C.  
PTO Customer No. 20985  
4350 La Jolla Village Drive, Suite 500  
San Diego, California 92122  
Telephone: (858) 678-5070  
Fax: (858) 678-5099

10232931.doc

**NOTE: This facsimile is intended for the addressee only and may contain privileged or confidential information. If you have received this facsimile in error, please immediately call us collect at (858) 678-5070 to arrange for its return. Thank you.**

Received from < > at 11/26/02 3:39:05 PM [Eastern Standard Time]

Attorney's Docket No.: 10559-108001 / P7643

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Keith Dow                      Art Unit : 2181  
Serial No.: 09/461,643                      Examiner : Christopher E. Lee  
Filed : December 14, 1999  
Title : IMPROVED SIGNAL ROUTING BETWEEN A MEMORY CONTROL  
UNIT AND A MEMORY DEVICE

Commissioner for Patents  
Washington, D.C. 20231


TRANSMITTAL LETTER

Correspondence relating to this application is enclosed.  
The required fees are computed below. Please apply any charges  
not covered, or any credits, to Deposit Account No. 06-1050.

Total						
Claims	22	-	22	=	0	\$0
Independent	4	-	4	=	0	\$0
TOTAL FEE DUE						\$0

Respectfully submitted,

Date: 4/26/02

  
Jerry D. Lentz  
Reg. No. 33,945

Fish & Richardson P.C.  
PTO Customer No. 20985  
4350 La Jolla Village Drive, Suite 500  
San Diego, California 92122  
Telephone: (858) 678-5070  
Facsimile: (858) 678-5099

10232925.doc

## CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is  
being transmitted by facsimile to the Patent and  
Trademark Office on the date indicated below.

November 26, 2002  
Date of Transmission

Signature Deborah K. Sim

Deborah K. Sim  
Typed or Printed Name of Person Signing  
Certificate

11/26/2002 12:32 FAX

FISH AND RICHARDSON PC

003

Attorney's Docket No.: 10559-108001 / P7643

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Keith Dow                      Art Unit : 2181  
Serial No : 09/461,643                      Examiner : Christopher E. Lee  
Filed : December 14, 1999  
Title : IMPROVED SIGNAL ROUTING BETWEEN A MEMORY CONTROL  
UNIT AND A MEMORY DEVICE

BOX AF  
Commissioner for Patents  
Washington, D.C. 20231

RESPONSE

In response to the action mailed September 5, 2002, please  
amend the application as follows:

In the specification:

Paragraph beginning at page 1, line 19 has been amended as  
follows:

-- The speed at which the computer operates depends in  
large part on the speed at which data is transferred between the  
processor 105 and the memory unit 110. One memory architecture  
in particular, known as the RAMBUS™ architecture, is designed to  
transfer data to the processor 105 at very high rates, e.g., 1.6  
GB/s for a typical RAMBUS™ DRAM (RDRAM) module. --

CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted by  
facsimile to the Patent and Trademark Office on the date indicated  
below.

Date of Transmission November 26, 2002

Signature

Deborah K. Sim  
Typed or Printed Name of Person Signing Certificate

Received from < > at 11/26/02 3:39:05 PM [Eastern Standard Time]